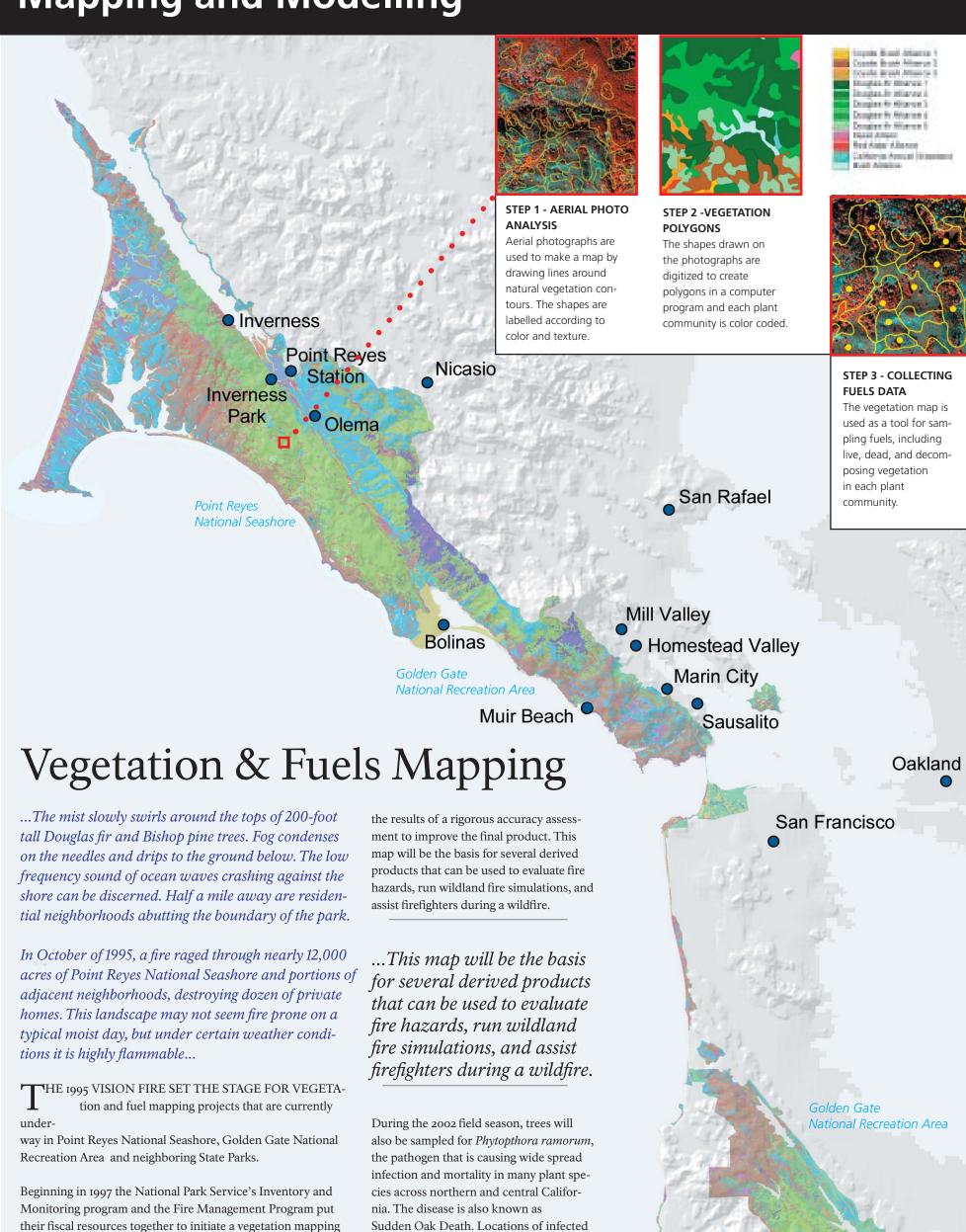
## **Mapping and Modelling**



trees will be mapped so researchers can

better understand the broad scale ecologi-

cal factors that contribute to the spread of

These efforts will provide the tools needed

landscape and to predict what the plant

community composition of the landscape

might be in the future under various fire

to simulate the effects of fire on the

this disease.

of the natural combustible material that can fuel a wildland fire. Other important fuel components include twigs, sticks, fallen leaves and needles.

The live vegetation mapped during this effort is one component

project. Using aerial photographs, photo interpreters began to

interpreters drew polygons around plant communities that were

at least one acre in area. By the end of the project, over 13,000

polygons were delineated in the 155,000 acre study area.

identify and map 73 different plant communities. The photo

The National Park Service is currently finishing the map, using